



Commercially Available Products for Treating Dental Unit Water Lines

	Bactericidal ?	Toxicity to Humans	Detaches Biofilm ?	Discourages Regrowth of Biofilm?	Protects Internal Components?	Batch or Continuous Mode
DentaPure (iodine-based resin)	Yes	Non-toxic	No	No	Yes	C
Dentacide (iodine-based periodic batch cleaner)	Yes	Toxic	Yes	No	Yes	B
Lines (chlorhexidine gluconate)	Yes	Toxic	Yes	No	Yes	B
Bioclear (citric acid)	No	Non-toxic	Yes	Yes	Yes	C
Sterilex (hydrogen peroxide-based solution)	Yes	Toxic	Yes	No	No	B
Odyssey 1 (ozone plus silver with UV light)	Yes	Non-toxic	No	Yes	No	C
IGN500 (water cleaning unit with proprietary chemicals)	Claimed	No Data	No Data	No Data	No Data	?

FIG. 1



TEST APPARATUS

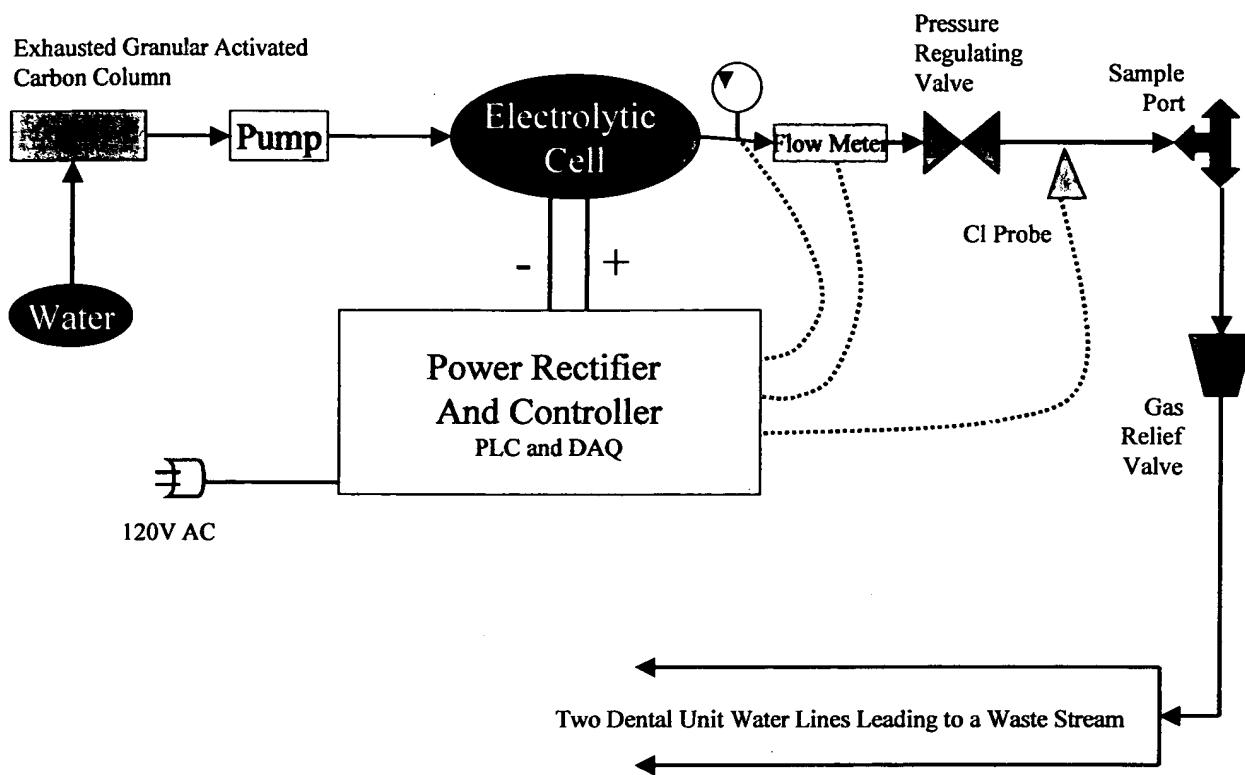


FIG. 2